

12/06/99  
jc713 U.S. PTO

12-08-99  
**LUCE, FORWARD, HAMILTON & SCRIPPS LLP**  
ATTORNEYS AT LAW • FOUNDED 1873

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December 6, 1999

I hereby certify that the original of this document and the enclosures referred to therein are being deposited with the United States Postal Service, "Express Mail Post Office to Addressee" service, under 37 C.F.R. § 1.10 on December 6, 1999, and addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C., 20231.

*Saul M. Solano*  
Saul M. Solano

"Express Mail" Mailing Label No.: EL193164072US

jc564 U.S. PTO  
09/455821  
12/06/99

Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Re: Title: VARIABLE-CONDUCTANCE SENSOR  
Applicants: Brad A. ARMSTRONG  
Atty No.: 27676-2/P08

Dear Sir or Madam:

Transmitted herewith for filing are the following documents with regard to the above:

- ▶ New Application Transmittal; and
- ▶ Patent Application, together with drawings;

So that we may have a timely record of this filing, please date stamp the enclosed stamped, self-addressed postcard and deposit it in the United States mail. If there are any questions regarding the enclosed materials, the Examiner is requested to contact the undersigned attorney for the applicants.

Sincerely,

*Edward H. Sikorski*

Edward H. Sikorski

for

Luce, Forward, Hamilton & Scripps LLP

EHS:sms

Enclosures

1460151.1

December 6, 1999

Docket No. 27676-2/P08

Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

1c564 U.S. PTO  
09/455821  
12/06/99

## NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Brad A. Armstrong

For (title): VARIABLE-CONDUCTANCE SENSOR

### 1. Type of Application

This new application is for a(n) *(check one applicable item below)*:

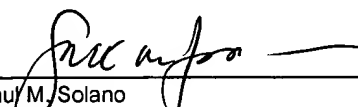
- ☐ Original
- ☐ Design
- ☐ Plant
- ☒ Divisional/Continuation (Rule 1.53(b))
- ☐ Continued Prosecution Application (Rule 1.53(d))
- ☐ Continuation-in-part (CIP)

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#### CERTIFICATION UNDER 37 CFR 1.8(a) and 1.10

I hereby certify that this correspondence or fee is being deposited with the United States Postal Service, "Express Mail Post Office to Addressee" service, under 37 CFR 1.10, on the date indicated below and is addressed to Box PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231.

December 6, 1999  
Date of Signature

  
Saul M. Solano

Express Mail No.: EL193164072US

2. Papers Enclosed Which Are Required For Filing Date Under 37 CFR 1.53(b) (Regular) or 37 CFR 1.153 (Design) Application

30 Pages of specification (total)  
3 Pages of claims  
1 Pages of Abstract  
14 Sheets of drawing

- ☒ formal  
☐ informal

(Complete the following, if applicable)

- ☐ The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)". 37 C.F.R.1.84(b).

3. Declaration or oath

- ☐ Enclosed

executed by (check all applicable boxes)

- ☐ inventor(s).  
☐ legal representative of inventor(s). 37 CFR 1.42 or 1.43  
☐ joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.  
☐ this is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached. See item 13 below for fee.

- ☒ Not Enclosed.

- ☒ Application is filed pursuant to 37 CFR. 1.53(b), a true copy of the prior, complete, Co-Pending Parent Application is filed concurrently herewith and the inventor(s) are the same, accordingly no Oath or Declaration is required.  
☒ Application is made by a person authorized under 37 CFR 1.41(c) on behalf of all the above named inventor(s). (The declaration or oath, along with the surcharge required by 37 CFR 1.16(e) can be filed subsequently).  
☐ Showing that the filing is authorized. (Not required unless called into question. 37 CFR 1.41(d).

4. Inventor Statement

The inventorship for all the claims in this application:

- ☐ Are the same.
- ☐ Are not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made.
- ☐ is submitted.
- ☐ will be submitted.

**5. Language**

- ☒ English
- ☐ non-English
- ☐ the attached translation is a verified translation. 37 CFR 1.52(d).

**6. Assignment**

- ☐ An assignment of the invention to \_\_\_\_\_
- ☐ is attached. A separate ☐ "RECORDATION FORM COVER SHEET, PATENTS ONLY is also attached.
- ☐ will follow.

**7. Fee Calculation (37 CFR 1.16) and Preliminary Amendment(s)**

- A. ☒ Regular application

CLAIMS AS FILED			
Number filed	Number Extra	Rate	Basic Fee 37 CFR 1.16(a) \$760.00
Total			
Claims (37 CFR 1.16(c)) 20 - 7 =	x	\$ 18.00	-0-
Independent			
Claims (37 CFR 1.16(b)) 3 - 3 =	x	\$ 78.00	-0-
Multiple dependent claim(s), if any (37 CFR 1.16(d))	+	\$260.00	-0-

- ☐ Amendment canceling extra claims enclosed.
- ☐ Amend the first line of the application by inserting the following:

- - The present application is a Continuation of prior United States patent application Serial Number 08/942,450, filed October 1, 1997, the entire contents of which are hereby incorporated by reference. - -

- ☐ Amendment deleting multiple-dependencies enclosed.
- ☐ Fee for extra claims is not being paid at this time.

Filing Fee Calculation \$ \_\_\_\_\_

- B. ☐ Design application (\$430.00 - 37 CFR 1.16(f))

Filing Fee Calculation \$ \_\_\_\_\_

- C. ☐ Plant application (\$580.00 - 37 CFR 1.16(g))

Filing Fee Calculation \$ \_\_\_\_\_

**8. Small Entity Statement(s)**

- ☐ Verified Statement(s) that this is a filing by a small entity under 37 CFR 1.9 and 1.27 is(are) attached.
- ☐ A Verified Statement (Declaration) Claiming Small Entity Status was filed in a/the Parent Application and this status is still proper and its benefit is hereby claimed pursuant to 37 C.F.R. § 1.28(a).

Filing Fee Calculation (50% of A, B or C above) \$ \_\_\_\_\_

**9. Fee Payment Being Made At This Time**

- ☒ Not Enclosed

☒ No filing fee is to be paid at this time. (*This and the surcharge required by 37 CFR 1.16(e) can be paid subsequently.*)

- ☐ Enclosed

☐ basic filing fee \$ \_\_\_\_\_

-

☐ recording assignment (\$40.00 x 1; 37 CFR 1.21(h)) (See attached) \$ \_\_\_\_\_

☐ fee for international-type search report (\$40.00; 37 CFR 1.21(e)) \$ \_\_\_\_\_

Total fees enclosed \$ \_\_\_\_\_

## 10. Method of Payment of Fees

- ☐ Check in the amount of \$ \_\_\_\_\_
- ☐ Charge Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_. A duplicate of this transmittal is attached.

**11. Please send all correspondence to:**

Peter K. Hahn, Esq.,  
**LUCE, FORWARD, HAMILTON & SCRIPPS**  
 600 West Broadway, Suite 2600  
 San Diego, California 92101

DATED: December 6, 1999

By

EDWARD H. SIKORSKI

Registration. No. 39,478

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